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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/975,036	10/10/2001	Jay M. Short	DIVER1280-17	2400
7590	02/10/2005		EXAMINER	
Lisa A. Haile, Ph.D. Gray Cary Ware & Freidenrich LLP Suite 1100 4365 Executive Drive San Diego, CA 92121-2189			MYERS, CARLA J	
			ART UNIT	PAPER NUMBER
			1634	
DATE MAILED: 02/10/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action  
Before the Filing of an Appeal Brief**

**Application No.**

09/975,036

**Applicant(s)**

SHORT ET AL.

**Examiner**

Carla Myers

**Art Unit**

1634

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 24 January 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1.  The reply was filed after a final rejection, but prior to filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:
  - a)  The period for reply expires \_\_\_\_ months from the mailing date of the final rejection.
  - b)  The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**NOTICE OF APPEAL**

2.  The reply was filed after the date of filing a Notice of Appeal, but prior to the date of filing an appeal brief. The Notice of Appeal was filed on 24 January 2005. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

**AMENDMENTS**

3.  The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
  - (a)  They raise new issues that would require further consideration and/or search (see NOTE below);
  - (b)  They raise the issue of new matter (see NOTE below);
  - (c)  They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
  - (d)  They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet. (See 37 CFR 1.116 and 41.33(a)).

4.  The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5.  Applicant's reply has overcome the following rejection(s): See Continuation Sheet.
6.  Newly proposed or amended claim(s) \_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7.  For purposes of appeal, the proposed amendment(s): a)  will not be entered, or b)  will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_.

Claim(s) objected to: \_\_\_\_.

Claim(s) rejected: 1-24 and 41-46.

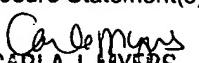
Claim(s) withdrawn from consideration: \_\_\_\_.

**AFFIDAVIT OR OTHER EVIDENCE**

8.  The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9.  The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10.  The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

**REQUEST FOR RECONSIDERATION/OTHER**

11.  The request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
12.  Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). \_\_\_\_
13.  Other: \_\_\_\_.

  
CARLA J. MYERS  
PRIMARY EXAMINER

Continuation of 3. NOTE: The amendment to the claims to recite a method which identifies in a liquid phase a genomic DNA that directs synthesis of a biomolecule having an activity of interest raises new issues under 35 U.S.C. 102 and 103 since the amendment alters the scope of the claims and adds additional limitations over the claims as they previously were drawn to methods which identify any naturally occurring polynucleotide. Additionally, the amendment raises new issues under 35 U.S.C. 112 second paragraph in that the recitation in claim 1 b) of "detects DNA to which a probe is hybridized" is indefinite because it is not clear as to whether this phrase refers to the genomic DNA hybridized to the nucleic acid probe or to the DNA sequence or to some other DNA and probe .

Continuation of 5. Applicant's reply has overcome the following rejection(s): the rejection under 35 U.S.C. 112 second paragraph over the phrase "small molecule".

Continuation of 11. does NOT place the application in condition for allowance for the reasons of record in view of the non-entry of the after final amendment. In summary, Applicants traverse the 102 and 103 rejections by arguing that Thompson does not teach detection of genomic DNA using a hybridization probe. However, the currently pending claims do not require detection of genomic DNA. Rather, the pending claims allow for the detection (by hybridization) of any naturally occurring polynucleotide. Therefore, the pending claims encompass detecting DNA from an expression library by hybridization. As set forth in the rejection, this methodology is taught by Thompson. Accordingly, Applicants arguments are not persuasive because they are directed to limitations that are not recited in the pending claims.